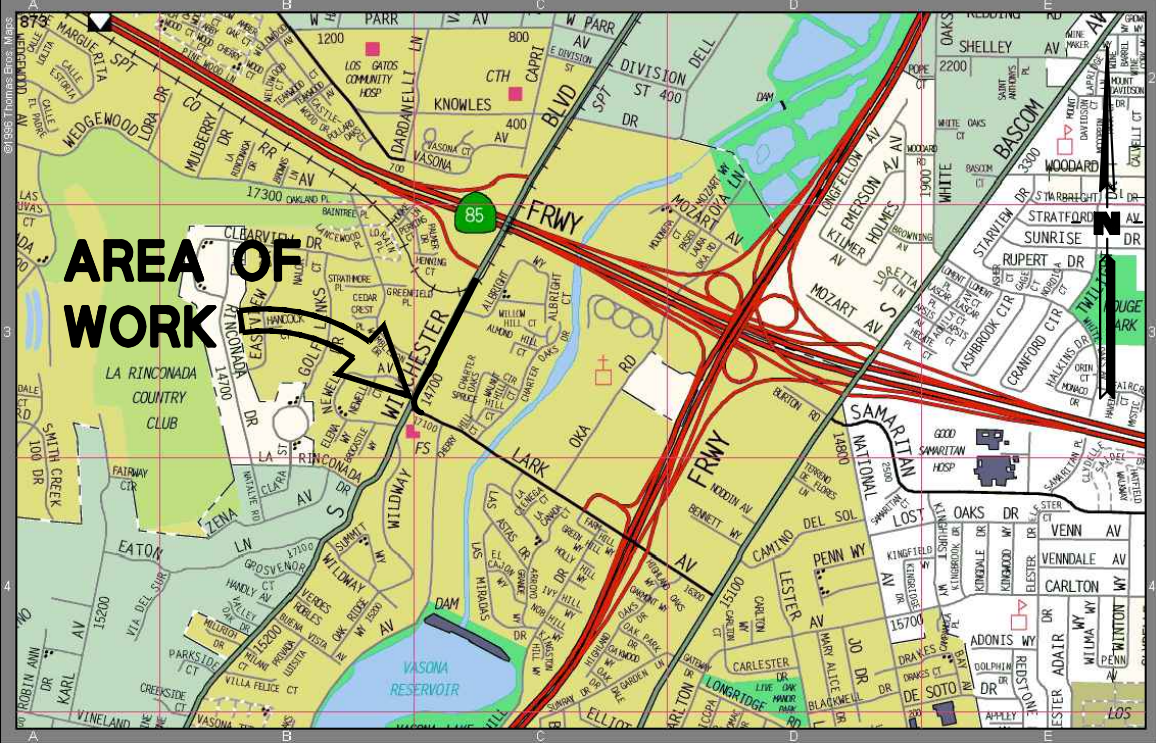


C:\Users\Bryce\AppData\Local\Temp\44444444\44444444\_7880\1984-Sheet C-1.dwg 2-11-10 03:23:19 PM ren  
DESIGNER: BEC PROJ. MGR: BEC  
CHECKER: BEC DATE: 1984-01-01  
UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



VICINITY MAP

TOWN OF LOS GATOS GENERAL NOTES:

- ALL WORK SHALL BE IN ACCORDANCE WITH THESE PLANS AND THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL PROCURE FROM THE TOWN AND ALL OTHER APPLICABLE AGENCIES ALL PERMITS AND LICENSES AND PAY ALL PERMIT AND LICENSE CHARGES AND FEES.
- CONSTRUCTION SHALL BE ALLOWED ONLY BETWEEN THE HOURS OF 8:00 AM AND 5:00 PM ON WEEKDAYS AND LANE CLOSURES TO BE PER APPROVED TRAFFIC CONTROL PLAN. CONSTRUCTION EQUIPMENT SHALL BE PROPERLY MUFFLED AND MAINTAINED.
- THE CONTRACTOR SHALL PROTECT EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN A LEGAL MANNER AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PREVENT THE FORMATION OF ANY AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM FAILURE TO DO SO.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS, TEMPORARY CONSTRUCTION FENCING AROUND PROJECT SITE, AND OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC CONVENIENCE AND SAFETY.
- EXISTING UNDERGROUND UTILITIES AND IMPROVEMENT ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATIONS OF THESE PLANS. NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES, AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION, TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.) AT 811. THE CONTRACTOR SHALL DETERMINE THE EXISTENCE AND LOCATION OF UTILITIES SHOWN ON THESE PLANS, INDICATED IN THE FIELD BY LOCATING SERVICES, OR EVIDENCE BY FACILITIES VISIBLE AT OR ADJACENT TO THE JOB SITE. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING WORK SHALL BE BORNE BY THE CONTRACTOR.
- EXISTING UTILITIES AND IMPROVEMENTS DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE COMPLETELY REPAIRED, REMOVED AND REPLACED, OR RESTORED AS DETERMINED BY THE ENGINEER OR UTILITY COMPANY AT THE CONTRACTOR'S SOLE EXPENSE.
- ANY RELOCATION OF UTILITIES SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY COMPANY.
- THE CONTRACTOR SHALL COMPLY WITH CLEAN WATER ACT REGULATIONS AND NPDES PERMIT REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
- AT LEAST ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE OPEN AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROL TO DIRECT TRAFFIC. ANY DEVIATION FROM SAID APPROVED TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL AT LEAST TEN (10) WORKING DAYS PRIOR TO COMMENCEMENT OF WORK REQUIRING SAID DEVIATION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF THE DATES AND DURATION OF ANY PROPOSED LANE CLOSURE, AT LEAST FIVE (5) WORKING DAYS PRIOR TO SAID CLOSURE. ALL LANES SHALL REMAIN OPEN AT ALL OTHER TIMES.
- THE CONTRACTOR SHALL CONTACT THE TOWN FIVE (5) WORKING DAYS PRIOR TO ANY ADJUSTMENTS OR RELOCATION OF TOWN FACILITIES. CALL (408) 399-5771.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN PEDESTRIAN ACCESS AND SAFETY AT ALL TIMES.
- ANY POTENTIAL CONFLICTS OR DISCREPANCIES BETWEEN FIELD CONDITIONS AND THESE PLANS AND THE PROJECT SPECIFICATIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER. WORK SHALL NOT PROCEED UNTIL THE CONFLICTS OR DISCREPANCIES ARE RESOLVED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE ALL TESTING REQUIRED PER THE SPECIFICATIONS AND SHALL SUBMIT ALL TEST RESULTS TO THE ENGINEER FOR ACCEPTANCE PRIOR TO THE NEXT STAGE OF WORK.

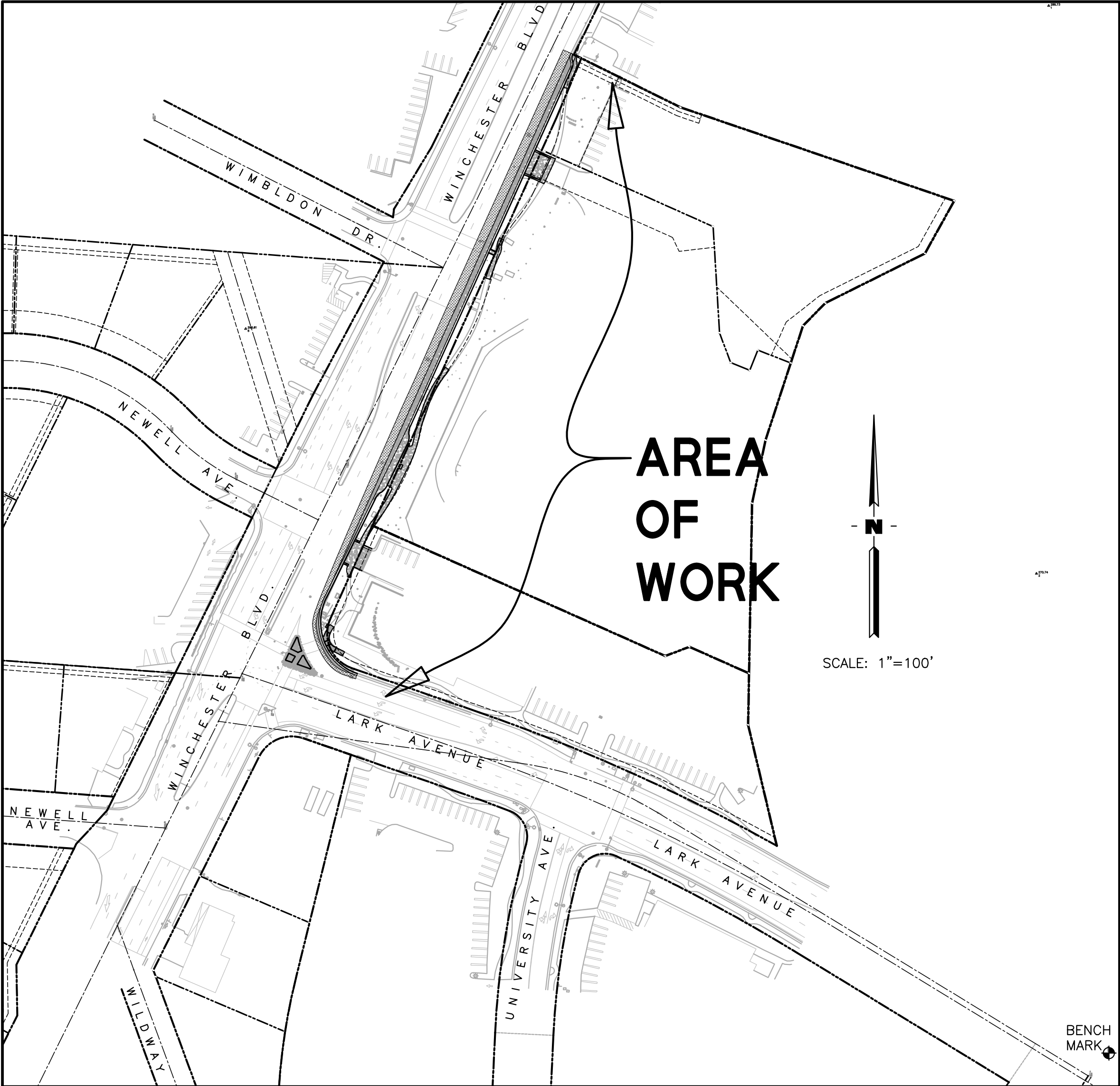
TOWN OF LOS GATOS STANDARD CONSTRUCTION NOTES

- ALL WORK SHALL BE ACCORDING TO PROJECT PLANS AND SPECIFICATIONS.
- A PRE-JOB MEETING IS REQUIRED WITH THE TOWN ENGINEERING INSPECTOR BEFORE THE START OF ANY CONSTRUCTION WORK (408/395-3430).
- ALL CONTRACTORS WILL BE RESPONSIBLE FOR VERIFICATION OF LOCATION OF ALL EXISTING UTILITIES IN THE FIELD. LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXISTENCE OF AND PROTECT ALL EXISTING SURFACE AND UNDERGROUND FACILITIES AND TO BARE ANY EXPENSE FOR THE REPAIR OF SUCH FACILITIES.
- IN PAVED STREETS, ALL TRENCH CUTS SHALL BE SMOOTH AND VERTICAL WITH THE AREA BEING GENERALLY RECTANGULAR.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND PRESERVE ALL SURVEY MONUMENTS SET OR FOUND DURING THE CONSTRUCTION OF THIS PROJECT.
- THE TYPES, LOCATIONS, SIZE AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE IMPROVEMENT PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT 1 (800) 642-2444 A MINIMUM OF FORTY-EIGHT (48) HOURS BEFORE BEGINNING ANY UNDERGROUND WORK AND SHALL REQUEST THAT ALL UTILITIES WITHIN THE WORK AREA BE LOCATED AND MARKED.
- CONTRACTOR SHALL ALWAYS KEEP THE ENTIRE JOB SITE IN A NEAT AND DUST FREE CONDITION, WHICH SHALL MEET OR EXCEED THE REQUIREMENTS OF THE APPROPRIATE AIR QUALITY MANAGEMENT AGENCIES, THE TOWN OF LOS GATOS, AND BE TO THE SATISFACTION OF THE TOWN ENGINEER. THIS REQUIREMENT SHALL BE IN EFFECT ON A TWENTY-FOUR (24) HOUR PER DAY, SEVEN (7) DAY PER WEEK BASIS AND SHALL NOT BE LIMITED IN ANY WAY TO THE HOURS OF WORK OF THE PROJECT. IF, AT THE SOLE DISCRETION OF THE TOWN ENGINEER, ADDITIONAL DUST CONTROL MEASURES OR DUST PALLIATIVES ARE DEEMED TO BE REQUIRED, THE CONTRACTOR SHALL, AT HIS/HER SOLE EXPENSE TAKE SUCH MEASURES OR APPLY SUCH PALLIATIVES AS DIRECTED BY THE TOWN ENGINEER. IF THE CONTRACTOR IS DEEMED TO BE NON RESPONSIVE TO THE DIRECTION OF THE TOWN ENGINEER, THE TOWN ENGINEER SHALL HAVE THE AUTHORITY TO TAKE ALL MEASURES REQUIRED TO CORRECT ANY SITUATION WHICH HE/SHE DEEMS TO BE OUT OF COMPLIANCE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE, TO THE TOWN OF LOS GATOS, FOR ALL COSTS ASSOCIATED WITH THE ACTIONS TAKEN BY THE TOWN ENGINEER TO CORRECT ANY NON-COMPLIANT SITUATION ARISING FORM THE WORK AREA.

AGENCY INDEX

SANTA CLARA COUNTY FIRE DEPARTMENT	(408) 378-4010
CITY OF TOWN OF LOS GATOS - PUBLIC WORKS	(408) 399-5770
SBC TELEPHONE	(408) 493-7068
PACIFIC GAS & ELECTRIC	(408) 725-2147
SAN JOSE WATER COMPANY	(408) 279-7851
SANTA CLARA VALLEY WATER DISTRICT	(408) 265-2600
COMCAST CABLE TELEVISION	(408) 452-9100
WEST VALLEY SANITATION DISTRICT	(408) 378-2407

TOWN OF LOS GATOS  
WINCHESTER - LARK  
INTERSECTION IMPROVEMENTS  
CIP NO. 13-04



ABBREVIATIONS: (EXISTING)

ARV	AIR RELEASE VALVE
BFP	BACK FLOW PREVENTER
BL	BUILDING LINE
BM	BENCHMARK
BOL	BOLLARD
CATV	CABLE TV BOX
CB	CATCH BASIN
CONC	CONCRETE SPOT ELEVATION
COR	CORNER
CPNT	CONTROL POINT
DET	TRAFFIC DETECTOR BOX
EBOX	ELECTRICAL BOX
EC	EDGE OF CONCRETE
EM	ELECTRICAL METER
EP	EDGE OF PAVEMENT
ES	ELECTRICAL SWITCH PANEL
FDC	FIRE DEPT CONNECTION
FL	FLOW LINE
GND	GROUND SPOT ELEVATION
GV	GAS VALVE
HVLT	HIGH VOLTAGE VAULT
HYD	HYDRANT
ICV	IRRIGATION CONTROL VALVE
JP	JOINT POLE
LAM	LIQUID AMBAR
LIP	LIP OF GUTTER
MB	USPS MAIL BOX
MON	MONUMENT
PAV	PAVEMENT SPOT ELEVATION
SLB	STREET LIGHTING BOX
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANOLE
STLT	STREET LIGHT
TBOX	TELEPHONE BOX
TC	TOP OF CURB
TSB	TRAFFIC SIGNAL BOX
TSP	TRAFFIC SIGNAL POLE
WL	WATER LINE
WM	WATER METER
WV	WATER VALVE
XFMR	TRANSFORMER
XW	CROSSWALK SIGNAL POLE

ABBREVIATIONS: (PROPOSED)

AB	AGGREGATE BASE	MH	MANHOLE
AC	ASPHALT CONCRETE	MIN	MINIMUM
ACC	ACCESSIBLE	O.C.	ON CENTER
AGG	AGGREGATE	P	PAVEMENT SURFACE ELEVATION
BC	BEGIN CURVE	P	PROPERTY LINE
BW	BACK OF WALK ELEVATION	PRC	POINT OF REVERSE CURVE
CL	CENTER LINE	PCC	PORTLAND CEMENT CONCRETE
DIA	DIAMETER	PVC	POLYVINYL CHLORIDE
DWY	DRIVEWAY	R	RADIUS
(E)	EXISTING	R.C.	RELATIVE COMPACTION
EC	END CURVE	RIM	RIM ELEVATION
EX	EXISTING	RT	RIGHT TURN
ELEV	ELEVATION	R/W	RIGHT-OF-WAY
FG	FINISH GRADE	S=	SLOPE
FH	FIRE HYDRANT	SPN	STANDARD PLAN NUMBER
FL	FLOW LINE	STA	STATION
FL	FLOW LINE	SD	STORM DRAIN
GB	GRADE BREAK	STD	STANDARD
HC	ACCESSIBLE	SW	SIDEWALK
INV	INVERT	TC	TOP OF CURB
L	LEFT	TEMP	TEMPORARY
LF	LINEAR FEET	TLG	TOWN OF LOS GATOS
LS	LANDSCAPE	TYP	TYPICAL
LT	LEFT TURN	VTA	VALLEY TRANSPORTATION AUTHORITY
MAX	MAXIMUM		
(ME)	MATCH EXISTING ELEVATION		

BENCHMARK

PROJECT BENCHMARK - SCVWD BENCHMARK NO. 226 BRASS DISK AT THE BACK OF SIDEWALK, AT THE EAST END OF THE NORTH GUARD RAIL; AT THE NORTHEAST CORNER OF LARK AVENUE BRIDGE OVER LOS GATOS CREEK.  
ELEVATION = 277.78 FEET DATUM: NAVD 1988 MSL

BASIS OF BEARINGS: THE BEARING, NORTH 26° 19' 37" EAST OF THE CENTERLINE OF WINCHESTER BOULEVARD, BETWEEN THE FOUND MONUMENTS AS SHOWN ON THAT CERTAIN PARCEL MAP, RECORDED IN BOOK 503 OF MAPS AT PAGE 37, SANTA CLARA COUNTY RECORDS, WAS USED AS THE BASIS OF ALL BEARINGS SHOWN ON THIS MAP.

APPROVED BY TOWN OF LOS GATOS PUBLIC WORKS ENGINEERING

DATE: \_\_\_\_\_

LISA PETERSEN, RCE NO: 46792, EXPIRES 6/30/2015  
TOWN ENGINEER

SHEET INDEX

TITLE	SHEET
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STREET IMPROVEMENT PLAN - WINCHESTER BLVD	C-3
STREET IMPROVEMENT PLAN - WINCHESTER BLVD	C-4
STANDARD DETAILS	C-5
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LARK AT WINCHESTER TRAFFIC SIGNAL MODIFICATION	TS-1
LARK AT WINCHESTER CONDUCTOR AND EQUIPMENT SCHEDULE	TS-2
WIMBLEDON AT WINCHESTER TRAFFIC SIGNAL MODIFICATION	TS-3
WIMBLEDON AT WINCHESTER CONDUCTOR AND EQUIPMENT SCHEDULE	TS-4
WINCHESTER STREET LIGHTING PLAN	TS-5
WINCHESTER SIGNING AND STRIPING PLAN	SS-1
BASMAA POLLUTION PREVENTION	EC-1

LEGEND

EXISTING	PROPOSED
SIDEWALK, CURB AND GUTTER	
CENTER LINE	
PROPERTY LINE	
EDGE OF PAVEMENT	
DRIVEWAY	
ACCESSIBILITY RAMP	
TRUNCATED DOMES	
CONCRETE PAVEMENT	
ASPHALT PAVEMENT	
ASPHALT OVERLAY	
SLURRY SEAL	
STANDARD CITY MONUMENT	
BENCH MARK	
MANHOLE	
STORM DRAIN INLET	
WATER METER	
VALVE	
FIRE HYDRANT	
STREET LIGHT	
POWER POLE	
PULL BOX	
CABLE TELEVISION LINE	
ELECTRICAL LINE	
IRRIGATION LINE	
NATURAL GAS LINE	
OVERHEAD LINE	
SANITARY SEWER LINE	
STORM DRAIN LINE	
TELEPHONE LINE	
WATER LINE	
TRAFFIC SIGNAL CONDUIT	
LIGHTING CONDUIT	
ROADSIDE SIGN & SIGN CODE	
FENCE	
TREE/SHRUB	
TREE PROTECTION FENCING	



SEAL OF ENGINEER OF WORK:

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODES, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF MONTE SERENO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

ROBERT V. HENRY R.C.E. 60443  
PRINT P.E.

CARROLL ENGINEERING, INC.  
1101 SO. WINCHESTER BLVD., STE. H-184  
SAN JOSE, CALIF. 95128  
TELEPHONE: 408-261-9800



TITLE SHEET

TOWN OF LOS GATOS

WINCHESTER BLVD - LARK AVE

DATE

02/04/2015

SCALE

AS SHOWN

SHEET NO.

C-1

1101 S. WINCHESTER BLVD.  
SUITE H-184  
SAN JOSE, CALIF. 95128  
TEL: 408-261-9800  
FAX: 408-261-0595  
E-MAIL: Bryce@carroll-engineering.com

ARROLL

ENGINEERING

ngineers and surveyors





### LEGEND

X

TREE TO BE REMOVED  
NOTE: ALL OTHER TREES TO REMAIN  
UNLESS NOTED OTHERWISE

A triangle with the number 1 inside.

CONCRETE TO BE REMOVED



PAVING TO BE REMOVED



---

CURB & GUTTER TO BE REMOVED



SAWCUT PAVEMENT (MINIMUM  
2 FEET OFF NEW VERTICAL  
CURB OR LIP OF GUTTER)

5

SHRUBS AND/OR LANDSCAPING  
TO BE REMOVED

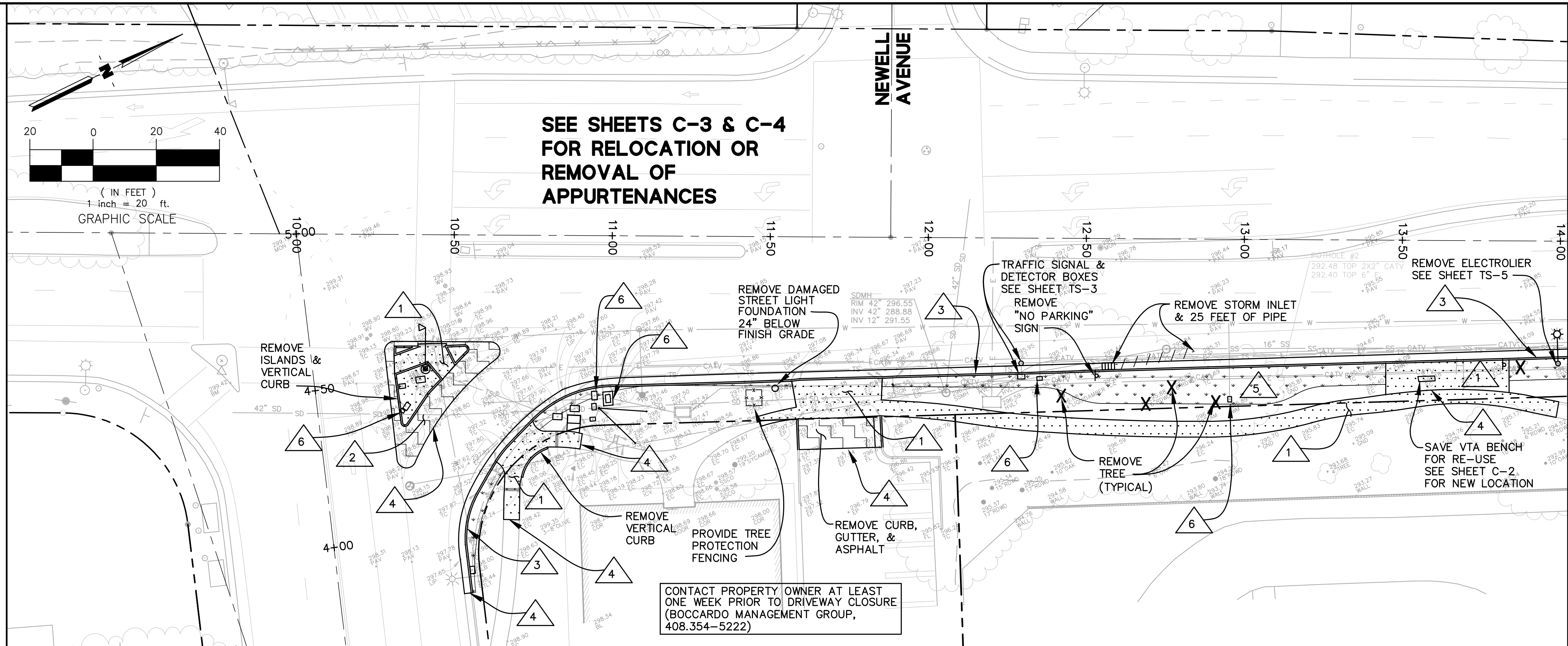


CONTRACTOR TO COORDINATE  
RELOCATION WORK DIRECTLY  
WITH UTILITY COMPANIES

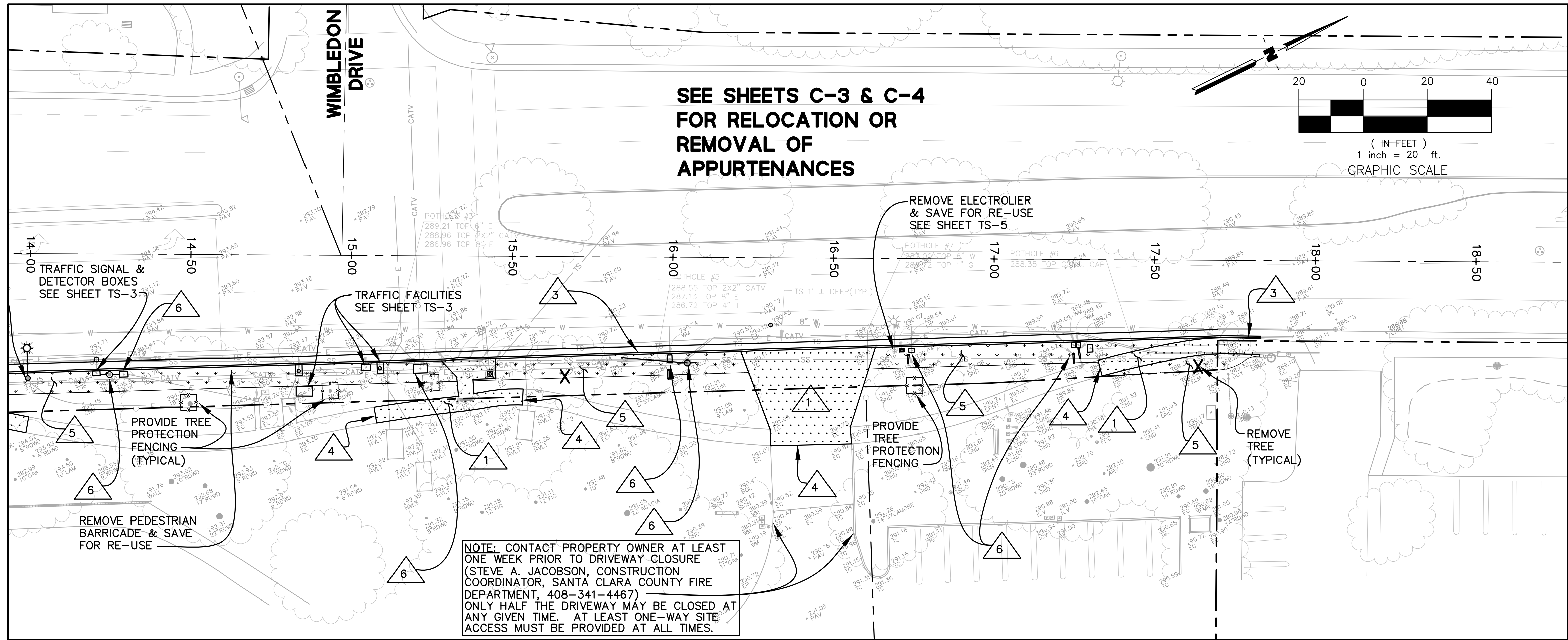
NOTES:

1. THE LIMITS OF DEMOLITION SHOWN HEREON ARE TO PROVIDE THE CONTRACTOR WITH A GENERAL SCOPE OF WORK. PRECISE LIMITS OF PAVEMENT REMOVAL AND GRADING SHOULD BE TAKEN FROM THE STREET IMPROVEMENT PLAN.
2. CARE SHOULD BE TAKEN TO PROTECT EXISTING LANDSCAPING. LANDSCAPING DAMAGED DURING CONSTRUCTION SHALL BE RESTORED IN-KIND TO THE PRE-PROJECT CONDITION.
3. PROVIDE TREE PROTECTION FENCING AT TREES TO REMAIN THAT ARE WITHIN 25 FEET OF PROJECT WORK LIMITS.
4. WHERE SIGNS ARE SHOWN TO BE RELOCATED ON THE PLANS, SEE SHEET SS-1.
5. TREES TO BE REMOVED MUST BE POSTED BY TOWN ARBORIST 10 DAYS PRIOR TO REMOVAL. CONTACT ROB MOULDEN (408) 761-4530 TO HAVE TREE POSTED.
6. CALL THE TOWN ARBORIST ROB MOULDEN (408) 761-4530 PRIOR TO CUTTING TREE ROOTS 2 INCHES IN DIAMETER OR LARGER. TREE ROOTS 2 INCHES OR LARGER IN DIAMETER SHALL BE CUT CLEANLY WITH A SAW.
7. FOR STRIPING REMOVAL LIMITS, SEE SHEET SS-1.
8. FOR SIGN REMOVALS AND REPLACEMENTS, SEE SHEET SS-1.

SEE SHEET ABOVE FOR CONTINUATION



**SEE SHEET BELOW FOR CONTINUATION**

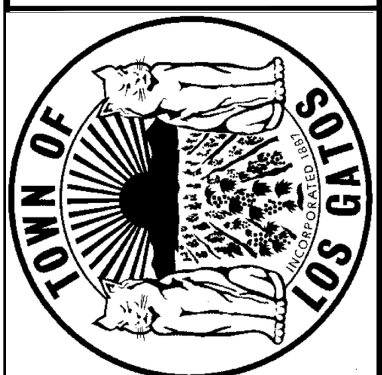


**NOTE:**  
SEE STRIPING AND SIGNAL PLANS FOR ALL  
NEW STRIPING, SIGNING, TRAFFIC SIGNALS,  
AND ELECTROLIER INSTALLATION  
SHEETS TS-1 THRU TS-5, & SS-1

# DEMOLITION PLAN

# TOWN OF LOS GATOS

WINCHESTER BLVD - LARK AVE

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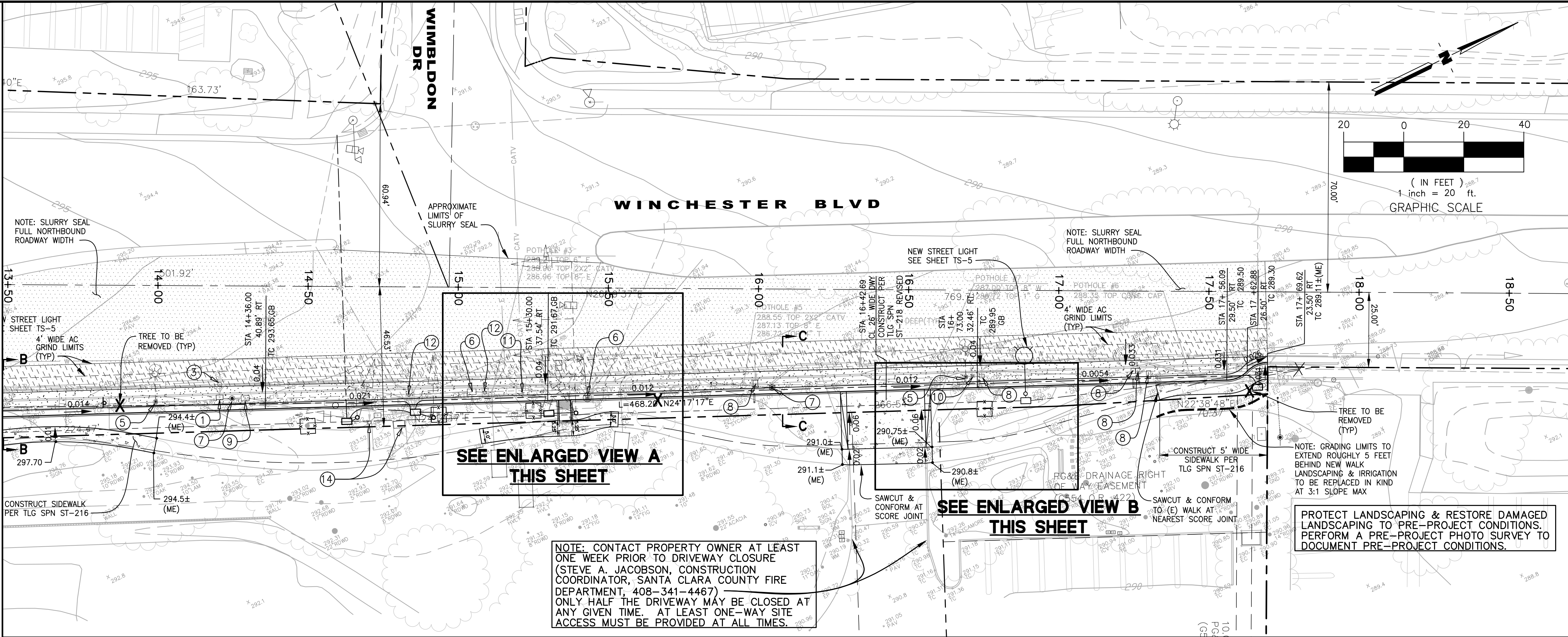






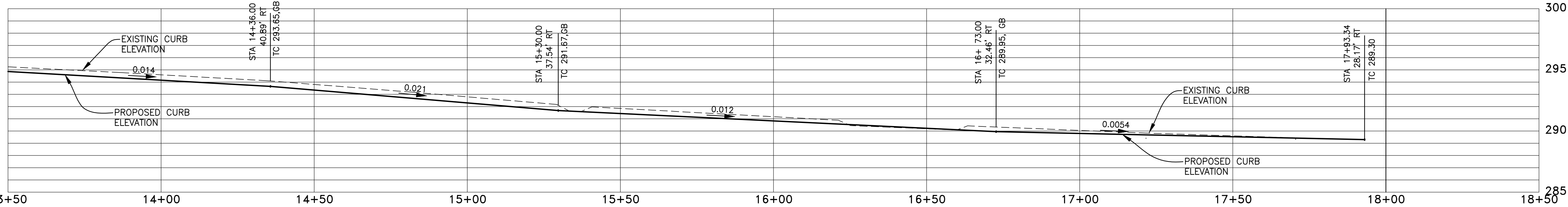
C:\Users\jrenee\appdata\local\temp\jrenee\jrenee\_7880\1956-Sheet C-3.4.6.dwg 2-11-15 02:34:44 PM  
DESIGNER: JRE  
PROJECT: 1956-415.dwg 250' x 100' x 100' 1956-415.dwg  
UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

SEE SHEET 3 FOR CONTINUATION

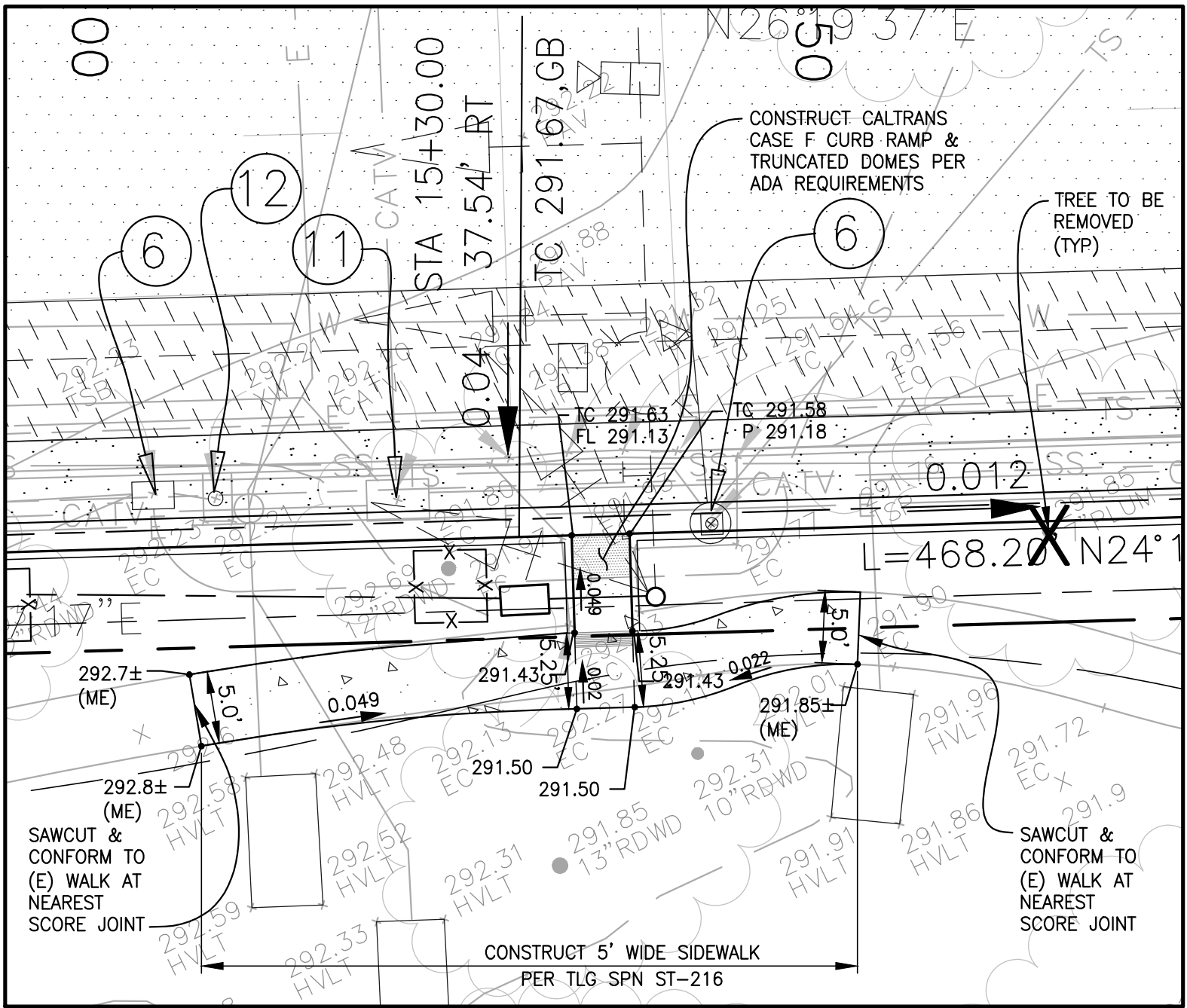


- ① (E) BOXES/CONTROLLERS - SEE SHEETS TS-1, TS-3
- ② (E) POLE TO REMAIN
- ③ (E) TRAFFIC DETECTOR BOX - SEE SHEETS TS-1, TS-3
- ④ (E) WATER METER TO BE REMOVED OR RELOCATED BY SJWC PRIOR TO COMMENCEMENT OF PROJECT
- ⑤ (E) STREET LIGHT - SEE SHEET TS-5
- ⑥ (E) TRAFFIC SIGNAL - SEE SHEET TS-3
- ⑦ (E) TELEPHONE POLE TO BE REMOVED OR RELOCATED BY UTILITY COMPANY PRIOR TO COMMENCEMENT OF PROJECT
- ⑧ (E) WATER METER & BACKFLOW PREVENTOR TO BE RELOCATED BY SJWC PRIOR TO COMMENCEMENT OF PROJECT
- ⑨ (E) P.G.&E. BOX TO BE RELOCATED BY UTILITY COMPANY PRIOR TO COMMENCEMENT OF PROJECT
- ⑩ (E) ELECTRICAL SWITCH PANEL TO BE RELOCATED BY UTILITY COMPANY PRIOR TO COMMENCEMENT OF PROJECT
- ⑪ (E) CATV BOX TO BE RELOCATED BY UTILITY COMPANY PRIOR TO COMMENCEMENT OF PROJECT
- ⑫ (E) CROSSWALK SIGNAL POLE - SEE SHEET TS-3
- ⑬ (E) STORM DRAIN MANHOLE TO REMAIN
- ⑭ (E) CABINET OR BOX - SEE SHEET TS-1
- X REMOVE (E) TREE

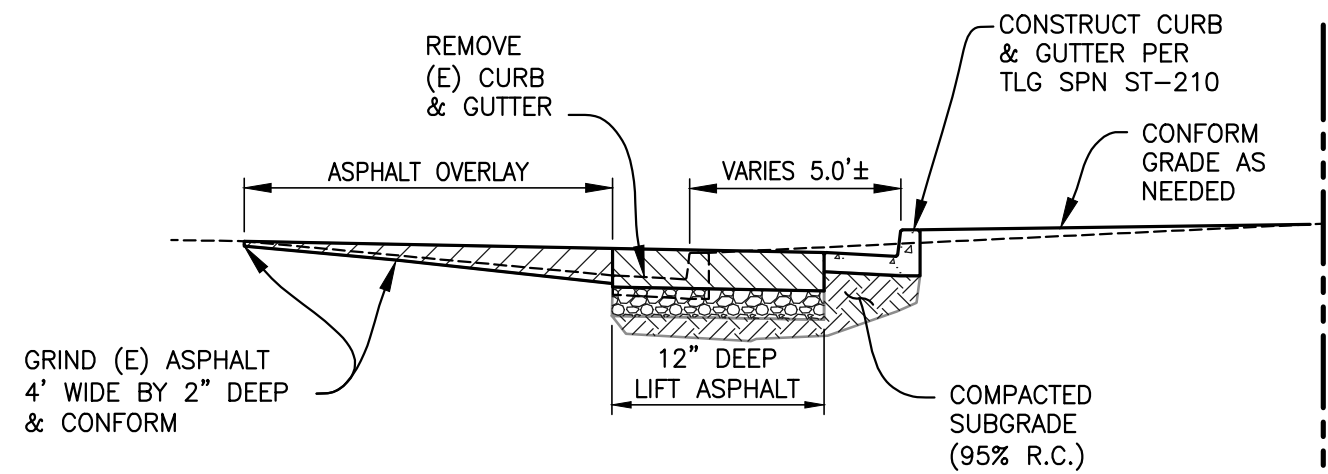
SEE SHEET  
C-5 FOR ALL  
STANDARD  
DETAILS



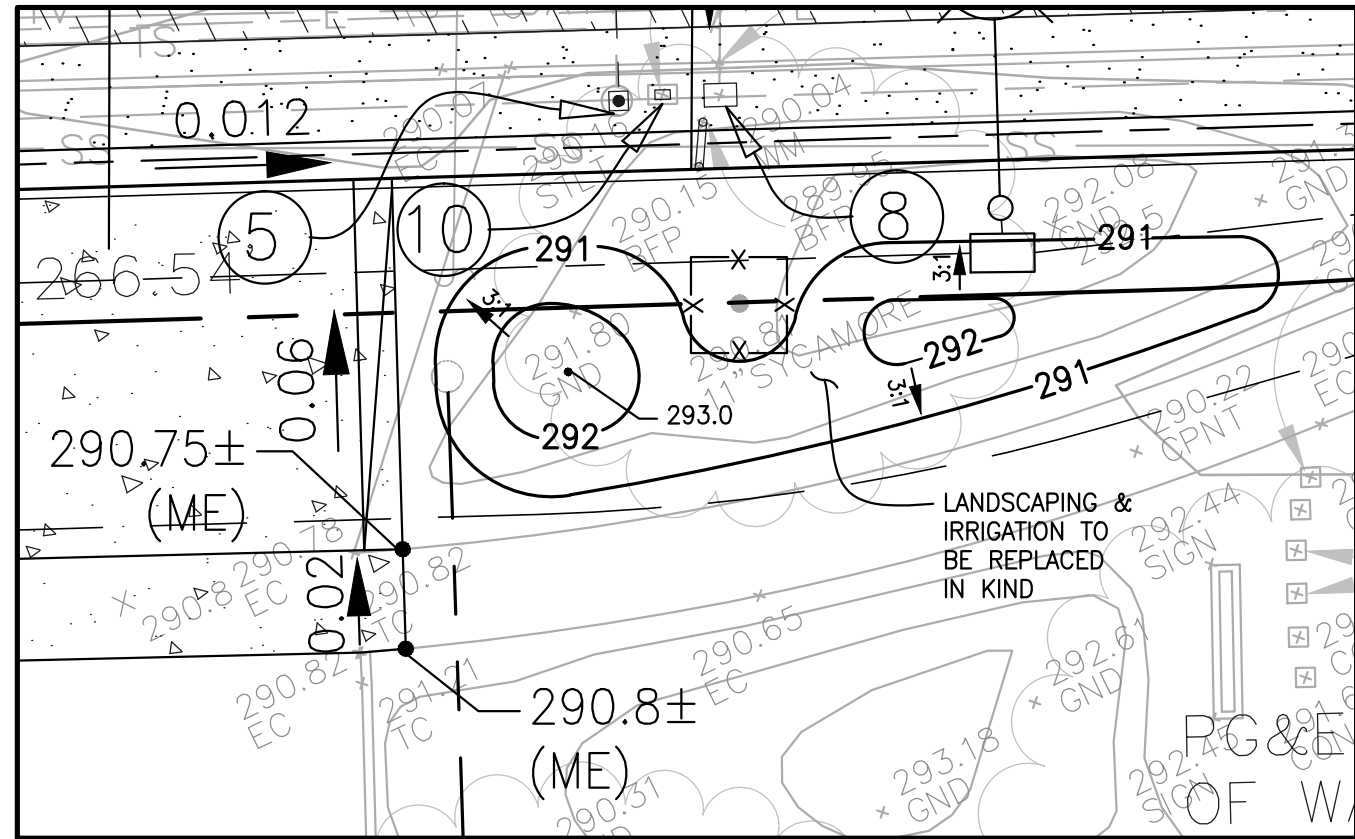
PROFILE  
SCALE: HORIZ: 1"=20'  
VERT: 1"= 5'



ENLARGED VIEW A  
SCALE: 1"= 10'



SECTION C-C  
SCALE: 1"= 5'

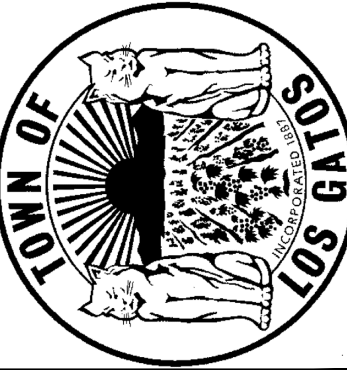


ENLARGED VIEW B  
SCALE: 1"= 10'

NOTE:  
SEE STRIPING AND SIGNAL PLANS FOR ALL  
NEW STRIPING, SIGNING, TRAFFIC SIGNALS,  
AND ELECTROLIER INSTALLATION  
SHEETS TS-1 THRU TS-5, & SS-1

STREET IMPROVMENTS  
TOWN OF LOS GATOS  
WINCHESTER BLVD - LARK AVE

DATE  
02/04/2015  
SCALE  
AS SHOWN  
SHEET NO.  
C-4



ARROLL  
ENGINEERING  
engineers and surveyors  
1101 S. WINCHESTER BLVD.  
SUITE H-184  
LOS GATOS, CA 95030  
TEL: 408-261-9800  
FAX: 408-261-0595  
E-MAIL: Bryce@arroll-engineering.com

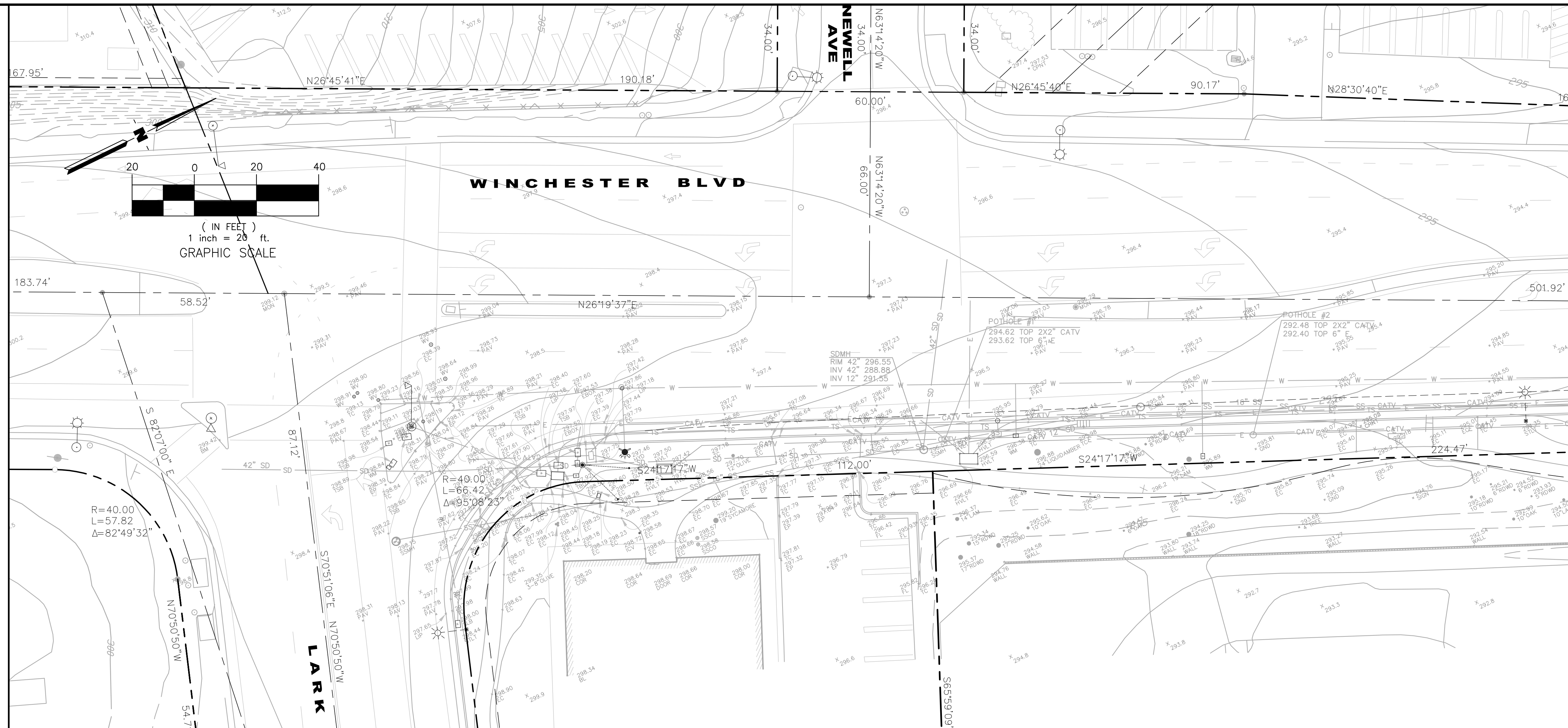
NO. BY DATE

REVISIONS:







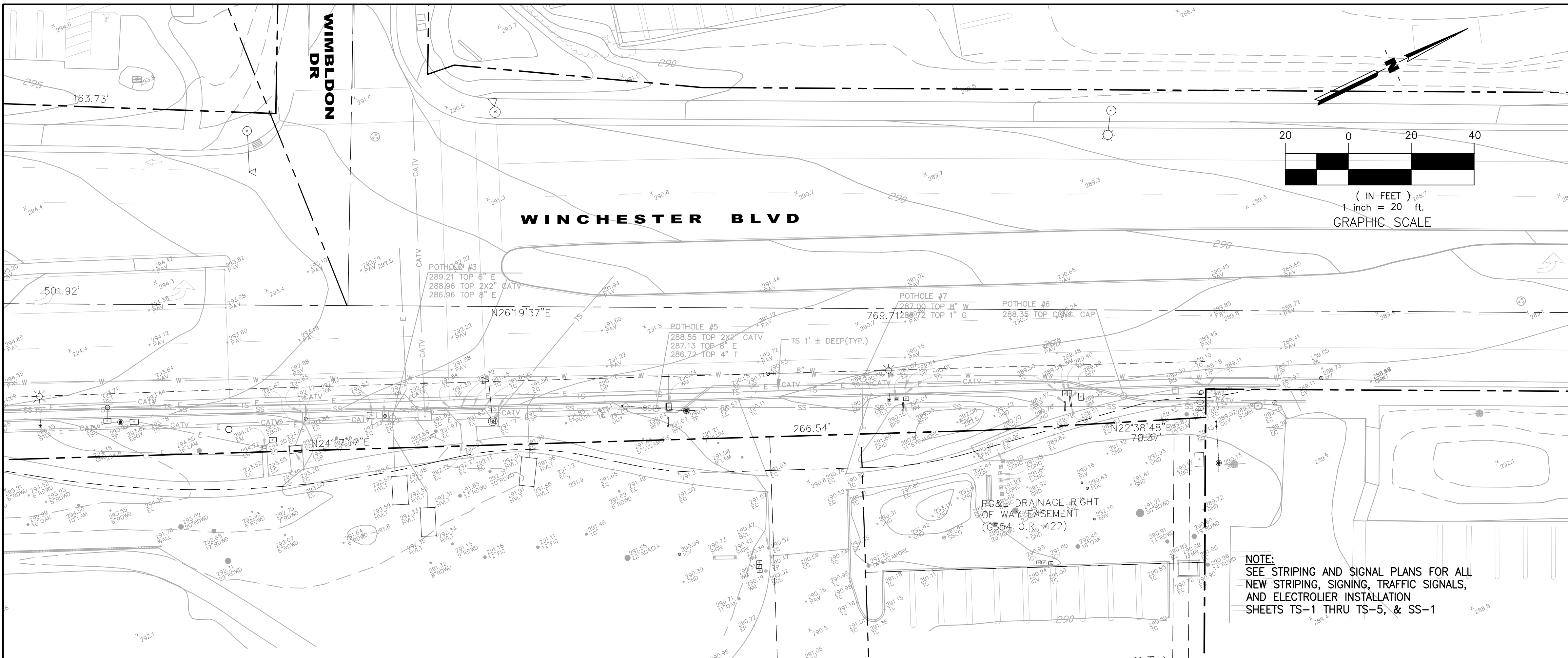


**SEE BELOW FOR CONTINUATION**

**ABBREVIATIONS: (EXISTING)**

ARY	AIR RELEASE VALVE
BFP	BACK FLOW PREVENTER
BL	BUILDING LINE
BM	BENCHMARK
BOL	BOLLARD
CATV	CABLE TV BOX
CB	CATCH BASIN
CONC	CONCRETE SPOT ELEVATION
COR	CORNER
CPNT	CONTROL POINT
DET	TRAFFIC DETECTOR BOX
EBOX	ELECTRICAL BOX
EC	EDGE OF CONCRETE
EM	ELECTRICAL METER
EP	EDGE OF PAVEMENT
ES	ELECTRICAL SWITCH PANEL
FDC	FIRE DEPT CONNECTION
FL	FLOW LINE
GND	GROUND SPOT ELEVATION
GV	GAS VALVE
HVLT	HIGH VOLTAGE VAULT
HYD	HYDRANT
ICV	IRRIGATION CONTROL VALVE
JPOLE	JOINT POLE
LAM	LIQUID AMBAR
LIP	LIP OF GUTTER
MB	USPS MAIL BOX
MON	MONUMENT
PAV	PAVEMENT SPOT ELEVATION
SLB	STREET LIGHTING BOX
SSWO	SEWERY SEWER CLEANOUT
SSMH	SANITARY SEWER MANOLE
STLT	STREET LIGHT
TBOX	TELEPHONE BOX
TC	TOP OF CURB
TSB	TRAFFIC SIGNAL BOX
TSP	TRAFFIC SIGNAL POLE
WL	WATER LINE
WM	WATER METER
WV	WATER VALVE
XFM	TRANSFORMER
XSW	CROSSWALK SIGNAL POLE

**SEE ABOVE FOR CONTINUATION**

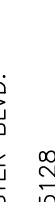


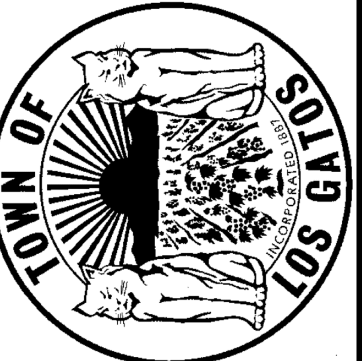
EXISTING SITE CONDITIONS  
TOWN OF LOS GATOS  
WINCHESTER BLVD - LARK AVE

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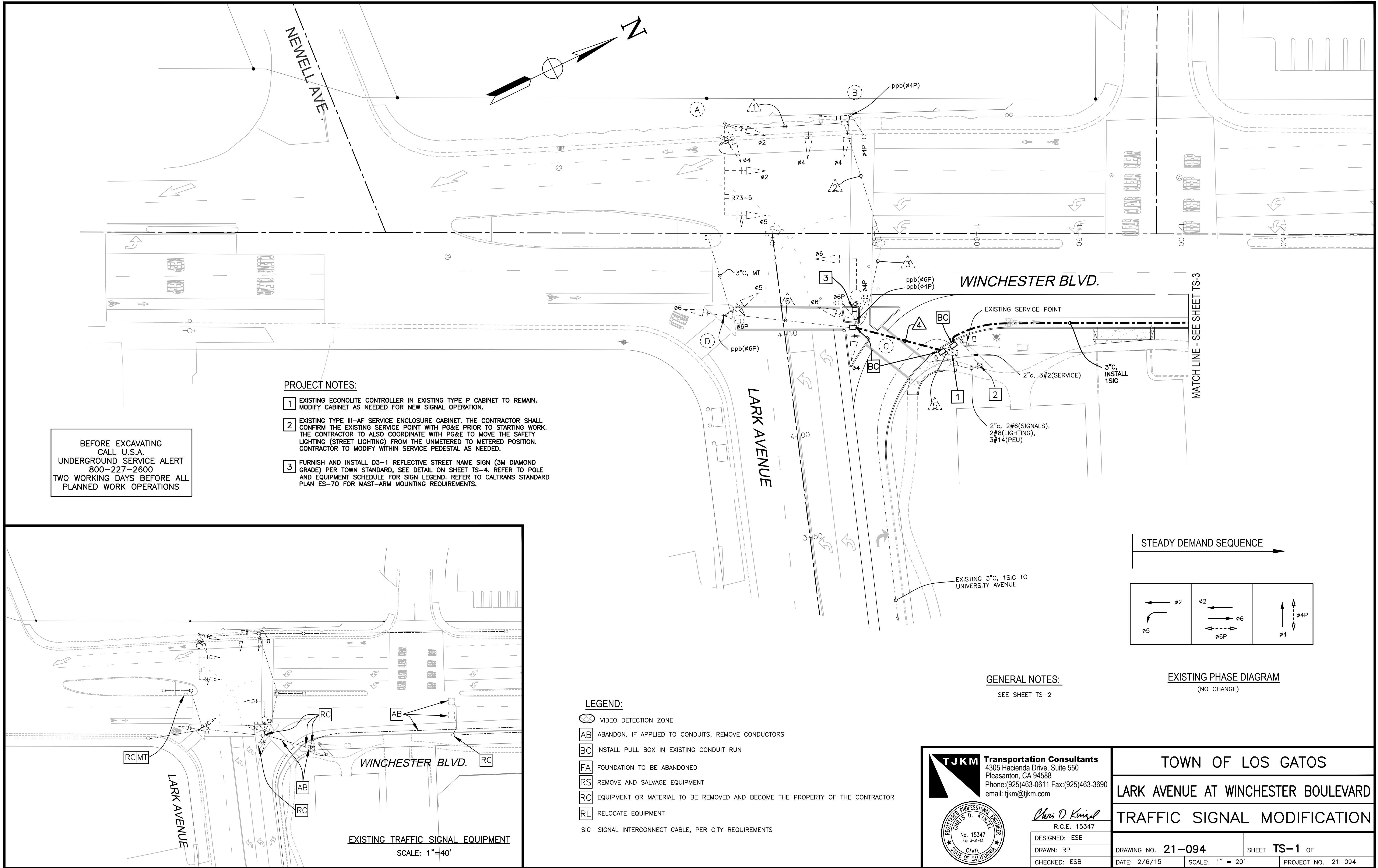
**ARROLL**  
**ENGINEERING**  
*engineers and surveyors*

1101 S. WINCHESTER BLVD.  
SUITE H-84      84-128  
LOS ANGELES, CA 90008  
TEL: 408-261-9800  
FAX: 408-261-0935  
E-MAIL: Bryce@arroll-engineering.com


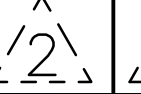
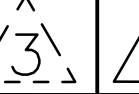
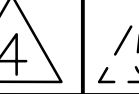
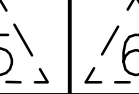
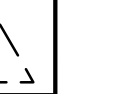
A circular professional engineer seal for the State of California. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF CALIFORNIA" at the bottom, separated by two stars. Inside the ring, the name "BRYCE V. CARROLL" is written in a semi-circle. In the center, the text "No. 00485" is written above "Exp. 6/30/16". Below this, the word "CIVIL" is written. The seal is stamped in blue ink.










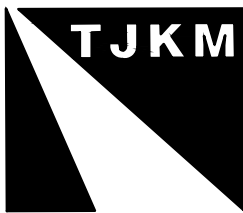


CONDUCTOR TABLE							
AWG	CIRCUIT	RUNS					
							
NO. 14	Ø1						
	Ø2	3	3	3	3	3	
	Ø4	3	3	3	3	3	
	Ø5	3	3	3	6	6	3
	Ø6				3	3	3
	Ø8						
	Ø2P						
	Ø4P		2	2	2	2	
	Ø6P				2	2	2
	Ø8P						
	PPB(Ø2P)						
	PPB(Ø4P)		2	2	2	2	
	PPB(Ø6P)				2	2	2
	PPB(Ø8P)						
	PPB COMMON		1	1	1	1	1
	SPARES	3	3	3	3	3	3
	TOTAL No. 14	12	17	17	27	27	14
NO. 8	SIGNAL NEUTRAL	1	1	1	2		1
	LUMINAIRE	2	2	2	2		
	TOTAL No. 8	3	3	3	4		1
NO. 6							
	SIGNAL					2	
VIDEO DETECTION	VIDEO/POWER CABLES	1	2	2	3		
CABLES							
	EMTRAC ANTENNA CABLE				1		
	FIRE STATION CABLE				1		
	TOTAL CABLES				2		
SIC	SIGNAL INTERCONNECT						
	CONDUIT SIZE (INCHES)	3"	3"	3"	2-3"	2-3"	3"


N=NEW E=EXISTING E E E N N E  
INTERSECTION SHALL BE WIRED WITH ALL NEW CONDUCTOR/CABLES

EQUIPMENT SCHEDULE											
No.	STANDARD			VEH SIG MTG		PED SIGNAL		PPB		HPS LUMINAIRE	SPECIAL REQUIREMENTS
	Type	Sig. M.A.	Lum.M.A.	Mast Arm	Pole	Ø	MTG	Ø	ARROW		
	24-4-70	45'	12'	MAT MAS	SV-2-TB	-	-	-	-	LED	EXISTING R73-5 AND D3-1 (Lark Ave) ON SMA. EXISTING VIDEO CAMERA ON LMA TO REMAIN.
	16-2-70	20'	-	MAS	SV-2-TB	4	SP-1-T	4	LEFT	-	EXISTING D3-1 (Winchester Blvd) AND VIDEO CAMERA ON SMA TO REMAIN.
	19-3-70	30'	15'	MAS	SV-2-TB	4 6	SP-2-T	4	RIGHT	LED	EXISTING VIDEO CAMERA ON LMA. EXISTING EMTRAC ANTENNA ON POLE. INSTALL D3-1 (Lark Ave) ON SMA.
	1-B	-	-	-	TV-2-T	6	SP-1-T	6	RIGHT	-	

- GENERAL NOTES (FOR SHEETS TS-1 THROUGH TS-5 ONLY)
- ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE 2010 STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATION AND THE TOWN OF LOS GATOS STANDARDS.
  - A LIST OF MATERIALS PROPOSED BY THE CONTRACTOR TO BE USED ON THIS PROJECT FOR STREET LIGHTING AND/OR TRAFFIC SIGNALS INCLUDING, BUT NOT LIMITED TO, LUMINAIRES, POLES, CONDUIT, CONDUCTORS, PULL BOXES, GROUND RODS, SIGNAL EQUIPMENT AND SERVICE EQUIPMENT SHALL BE SUBMITTED TO THE CITY'S PROJECT INSPECTOR FOR APPROVAL PRIOR TO THE START OF WORK. THE LIST SHALL INCLUDE MANUFACTURER'S SPECIFICATIONS FOR ALL APPLICABLE PRODUCTS.
  - EXISTING ELECTRICAL SYSTEMS INCLUDING TRAFFIC SIGNALS, TRAFFIC VEHICLE AND PEDESTRIAN DETECTION FACILITIES, TRAFFIC SIGNAL COMMUNICATION AND MONITORING FACILITIES, STREET LIGHTING FACILITIES, FLASHING BEACONS AND SIGN ILLUMINATION FACILITIES, OR APPROVED TEMPORARY REPLACEMENTS THEREOF, SHALL BE KEPT IN EFFECTIVE OPERATION FOR THE BENEFIT OF THE TRAVELING PUBLIC DURING THE PROGRESS OF WORK, EXCEPT WHEN SHUTDOWN IS PERMITTED TO ALLOW FOR ALTERNATIVES OR FINAL REMOVAL OF THE SYSTEMS.
  - THE CONTRACTOR SHALL OBTAIN PERMITS NECESSARY TO PERFORM THE IMPROVEMENTS SHOWN IN THESE PLANS FROM THE APPROPRIATE AGENCIES AND SHALL COMPLY WITH THE AGENCIES REQUIREMENTS. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL LAWS.
  - THE CONTRACTOR SHALL REPAIR AND REPLACE EXISTING LANDSCAPING, IRRIGATION FACILITIES, CURBS, SIDEWALK, STRIPING, MARKINGS, PAVEMENT MARKERS, PRIVATE UTILITY AND FIBER OPTIC FACILITIES, ETC., DAMAGED BY CONTRACTORS OPERATIONS DURING CONSTRUCTION.
  - ALL UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED BY THE CONTRACTOR TO THE SATISFACTION OF THE TOWN ENGINEER.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE INCURRED TO SERVICE LATERALS (GAS, WATER, ELECTRICAL, SEWER, ETC.) WHICH MAY OR MAY NOT BE SHOWN ON THESE PLANS. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AND HAVE THEM MARK THE LATERALS.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF AND DAMAGE INCURRED DURING CONSTRUCTION TO ALL EXISTING OVERHEAD CABLES (ELECTRICAL, TELEPHONE AND CABLE TV) WHICH MAY OR MAY NOT BE SHOWN ON THESE PLANS. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES PRIOR TO ANY WORK IN OVERHEAD LOCATIONS.
  - CONTRACTOR SHALL COORDINATE ANY ADJUSTMENT, REMOVAL, REPLACEMENT OR RELOCATION OF UNDERGROUND FACILITIES IN THE CONSTRUCTION AREA WITH THE UTILITY COMPANY.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF LOCATIONS AND DEPTHS OF EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION. UTILITY COMPANIES AND UNDERGROUND SERVICE ALERT (USA) (800-227-2600) SHALL BE NOTIFIED TWO FULL WORKING DAYS PRIOR TO EXCAVATION WITHIN THE PROJECT AREA.
  - ALL NEW SIGNAL HEADS SHALL BE 12" LENSES WITH BACKPLATES AND VISORS. SCREWS SHALL BE PLACED IN ALL BACK PLATE SCREW HOLES.
  - THE CONTRACTOR SHALL FURNISH AND INSTALL RED, YELLOW AND GREEN (CIRCULAR AND/OR ARROW) LIGHT EMITTING DIODE (LED) MODULES IN EACH NEW VEHICLE SIGNAL HEAD. THE LED SIGNAL MODULES SHALL BE GELCORE OR APPROVED EQUAL.
  - THE CONTRACTOR SHALL FURNISH AND INSTALL AN LED MODULE INCORPORATING A NUMERICAL COUNTDOWN DISPLAY IN COMBINATION WITH STANDARD LED PORTLAND ORANGE "UPRAISED HAND" AND LED WHITE "WALKING PERSON" SYMBOLS IN EACH NEW PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL MODULES SHALL CONFORM TO CURRENT CALTRANS SPECIFICATIONS.
  - THE CONTRACTOR SHALL FURNISH AND INSTALL A REMOVABLE METALLIC TUNNEL VISOR CONFORMING TO ANSI STANDARD D-10.1 ON ALL NEW VEHICLE SIGNAL SECTIONS. PLASTIC VISORS SHALL NOT BE USED.
  - ALL NEW SIGNAL AND LIGHTING STANDARDS SHALL HAVE A GALVANIZED FINISH AND SHALL NOT BE PAINTED.
  - NEW PEDESTRIAN PUSH BUTTON (PPB) UNITS SHALL BE ADA-COMPLIANT WITH AN ACTUATOR BUTTON A MINIMUM OF TWO INCHES IN DIAMETER. PUSH BUTTONS SHALL BE MOUNTED ON TRAFFIC SIGNAL POLES WITH ACTUATOR BUTTONS CENTERED AT AN ELEVATION 38 INCHES ABOVE THE ADJACENT WALKING SURFACE.
  - TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE TOWN OF LOS GATOS FOR REVIEW AND APPROVAL PRIOR TO USE. TWO WEEKS NOTICE IS REQUIRED AND A MINIMUM OF TWO UNIFORMED POLICE OFFICERS AS DETERMINED NECESSARY BY POLICE AND PAID FOR BY CONTRACTOR SHALL BE REQUIRED TO DIRECT TRAFFIC DURING SIGNAL SHUT DOWN PERIODS.
  - SIGNAL SHUT DOWNS SHALL BE LIMITED TO 9:00 AM TO 3:00 PM ON MONDAYS THROUGH FRIDAYS. CONTRACTOR SHALL CONTACT THE TOWN TWO DAYS PRIOR TO COMMENCEMENT OF ANY WORK REQUIRING SIGNAL SHUT DOWN.
  - ALL EQUIPMENT TO BE SALVAGED SHALL BE DELIVERED UNDAMAGED TO TOWN OF LOS GATOS SERVICE CENTER AT 41 MILES AVENUE. THE CONTRACTOR SHALL CONTACT THE TOWN OF LOS GATOS DEPARTMENT OF PARKS AND PUBLIC WORKS AT (408) 395-2859, FORTY-EIGHT (48) HOURS IN ADVANCE TO ARRANGE FOR ACCEPTANCE OF SALVAGED EQUIPMENT.
  - LOCATIONS OF CONTROLLER, STANDARDS, CONDUITS, PULL BOXES AND OTHER EQUIPMENT ARE APPROXIMATE AND WILL BE LOCATED IN THE FIELD AS DIRECTED BY THE ENGINEER.
  - THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.
  - ALL NEW PULL BOXES SHALL BE NO. 5 UNLESS OTHERWISE NOTED. PULL BOXES SHALL HAVE A MAXIMUM SPACING OF 200'. ALL PULL BOXES WITH 4 OR MORE CONDUITS ENTERING SHALL BE NO. 6.
  - ALL CONDUIT SHALL BE 3" UNLESS OTHERWISE NOTED ON THE PLAN.
  - ALL DETECTION ZONES WILL BE PROGRAMMED AT TIME OF SIGNAL TURN ON.
  - ALL ABANDONED FOUNDATIONS SHALL BE KNOCKED DOWN TO TWO FEET BELOW SUBGRADE.
  - ALL ABANDONED CONDUITS SHALL BE HARD-CAPPED.



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*Chris D. Kinzel*  
R.C.E. 15347

DESIGNED: ESB

DRAWN: RP

CHECKED: ESB

TOWN OF LOS GATOS

LARK AVENUE AT WINCHESTER BOULEVARD

CONDUCTOR AND EQUIPMENT SCHEDULES

DRAWING NO. 21-094

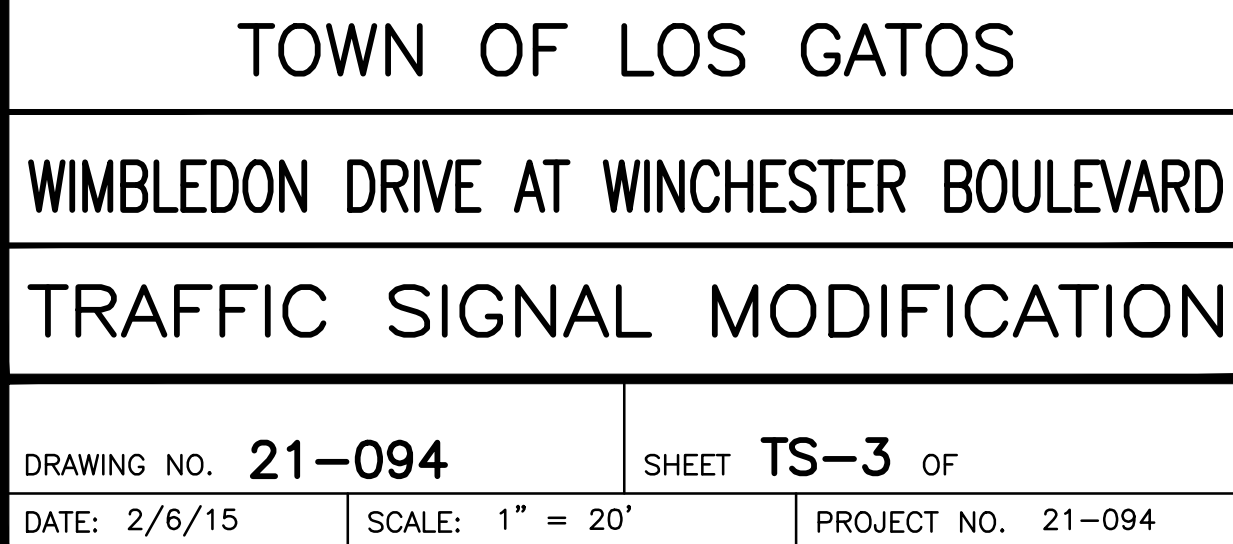
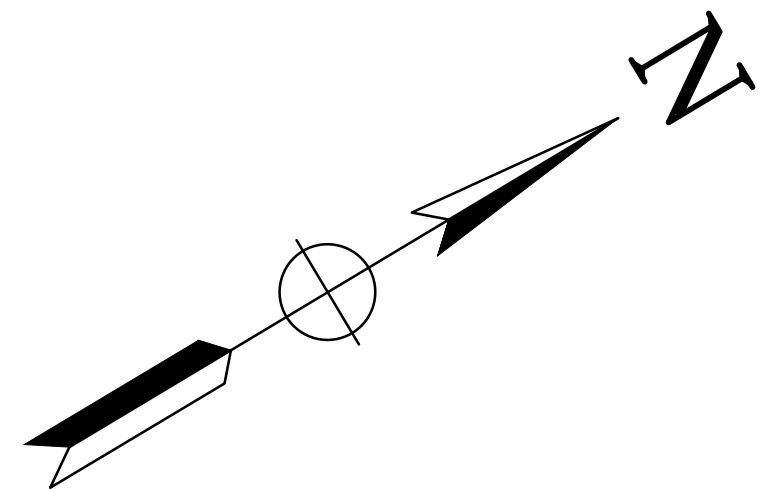
SHEET TS-2 OF

DATE: 2/6/15

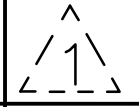





SCALE: NONE

PROJECT NO. 21-094





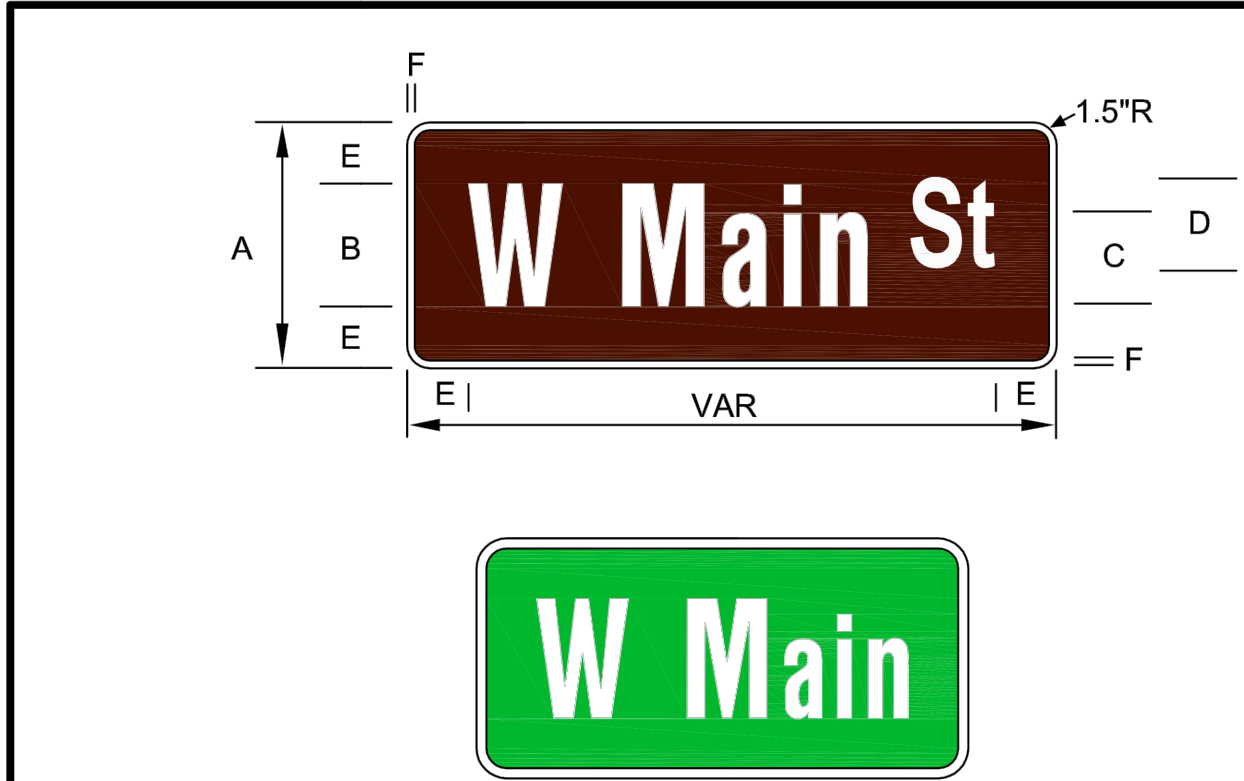


CONDUCTOR TABLE							
AWG	CIRCUIT	RUNS					
							
NO. 14	Ø1	3		3	3	6	3
	Ø2	3		3	3	3	
	Ø4						
	Ø5						
	Ø6					3	3
	Ø8		3	3	3	6	3
	Ø2P	2		2	2	2	
	Ø4P						
	Ø6P						
	Ø8P	2		2	2	4	2
	PPB(Ø2P)	2		2	2	2	
	PPB(Ø4P)						
	PPB(Ø6P)						
	PPB(Ø8P)	2		2	2	4	2
	PPB COMMON	1		1	1	2	1
	IISNS						
	SPARES	3		3	3	6	3
	TOTAL No. 14	18	3	21	21	38	17
NO. 8	SIGNAL NEUTRAL	1		1	1	2	1
	LUMINAIRE			2	2	4	2
	TOTAL No. 8	1		3	3	6	3
OTHER CABLES							
	EMTRAC CABLE					1	1
VIDEO DETECTION							
	VIDEO/POWER CABLES			1	1	2	1
DLC							
	Ø8		1	1	1	1	
SIC							
	SIGNAL INTERCONNECT					2	
CONDUIT SIZE (INCHES)		3	2	4	4	2-3"	4
N=NEW E=EXISTING		E	E	N	N	E	N

NOTE: THE CONTRACTOR SHALL REWIRE THE INTERSECTION WITH ALL NEW CONDUCTOR/CABLES

EQUIPMENT SCHEDULE											
No.	STANDARD			VEH SIG MTG		PED SIGNAL		PPB		HPS LUMINAIRE	SPECIAL REQUIREMENTS
	Type	Sig. M.A.	Lum.M.A.	Mast Arm	Pole	Ø	MTG	Ø	ARROW		
(A)	19-3-70	30'	12'	MAS	SV-1-T	2	SP-1-T	2	LEFT	**/**	EXISTING R3-18 AND D3-1 (Wimbledon Dr) ON SMA TO REMAIN. TOWN WILL FURNISH THE ITERIS EDGE 2 VIDEO DETECTION SYSTEM, CAMERA, MOUNTING BRACKETS AND POWER/VIDEO CABLES AND THE CONTRACTOR SHALL INSTALL.
(B)	1-B	-	-	-	TV-1-T	-	-	-	-	-	
(C)	1-B	-	-	-	TV-2-T	2 8	SP-2-T	2 8	LEFT RIGHT	**/**	
(D)	29-5-100	50'	15'	MAS MAS MAS	SV-2-TB	8	SP-1-T	8	LEFT	***	INSTALL D3-1(Wimbledon Dr) ON SMA. RELOCATE THE EXISTING EMTRAC FIRE PREEMPTION ANTENNA FROM THE EXISTING POLE TO THIS NEW POLE. TOWN WILL FURNISH THE ITERIS EDGE 2 VIDEO DETECTION SYSTEM, CAMERA, MOUNTING BRACKETS AND POWER/VIDEO CABLES AND CONTRACTOR SHALL INSTALL.
(E)	1-B (10')	-	-	-	TV-1-T	-	-	-	-	-	
(F)	*	-	15'	-	SV-2-TB	-	-	-	-	***	

- \* = TOWN STANDARD OCTAFLUTE STREET LIGHT POLE  
\*\* = SALVAGE THE EXISTING 200W HPS LUMINAIRES.  
\*\*\* = FURNISH AND INSTALL LED LUMINAIRE. LED LUMINAIRE SHALL BE LEOTECH EC3-10M-MV-NW-700.



Sign Blank	Cap Letter Height	Lower Case Height	Suffix Height	Margin (include White Border)	White Border	Applicable Locations
A	B	C	D	E	F	
6	4	3	3	1	0.25	Pole Mount - Downtown and local 2-lane streets with speed limits 25 mph or less
9	6	4.5	4.5	1.5	0.5	All pole mount except above
14	8	± 6	6	4	1	Overhead Mount - Downtown Traffic Signals
24	12	± 9	9	6	1	Overhead Mount - Traffic Signals outside Downtown

Dimensions are in inches.

- NOTES:
- Font is Helvetica med comp acct ak rev b.
  - Street names shall be in upper and lower case forms.
  - Margins may be adjusted to fit sign blanks.
  - Sign width shall not exceed 48 inches for pole mount and 72 inches for overhead mount.
  - Sign colors shall be white on green for overhead mount and white on brown for pole mount.
  - Street name suffix should be shown except when necessary to reduce sign width. Standard suffix are Av, Blvd, Cir, Ct, Dr, Ln, Pl, Rd, St, Ter, Wy.

APPROVED BY	DATE		STREET NAME SIGN STANDARD DETAILS	STD. PLAN NO.
TOWN ENGINEER				

ST- DWG

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*Chas D Kinzel*  
R.C.E. 15347  
DESIGNED: ESB  
DRAWN: RP  
CHECKED: ESB

TOWN OF LOS GATOS

WIMBLEDON DRIVE AT WINCHESTER BOULEVARD

CONDUCTOR AND EQUIPMENT SCHEDULES

DRAWING NO. **21-094**

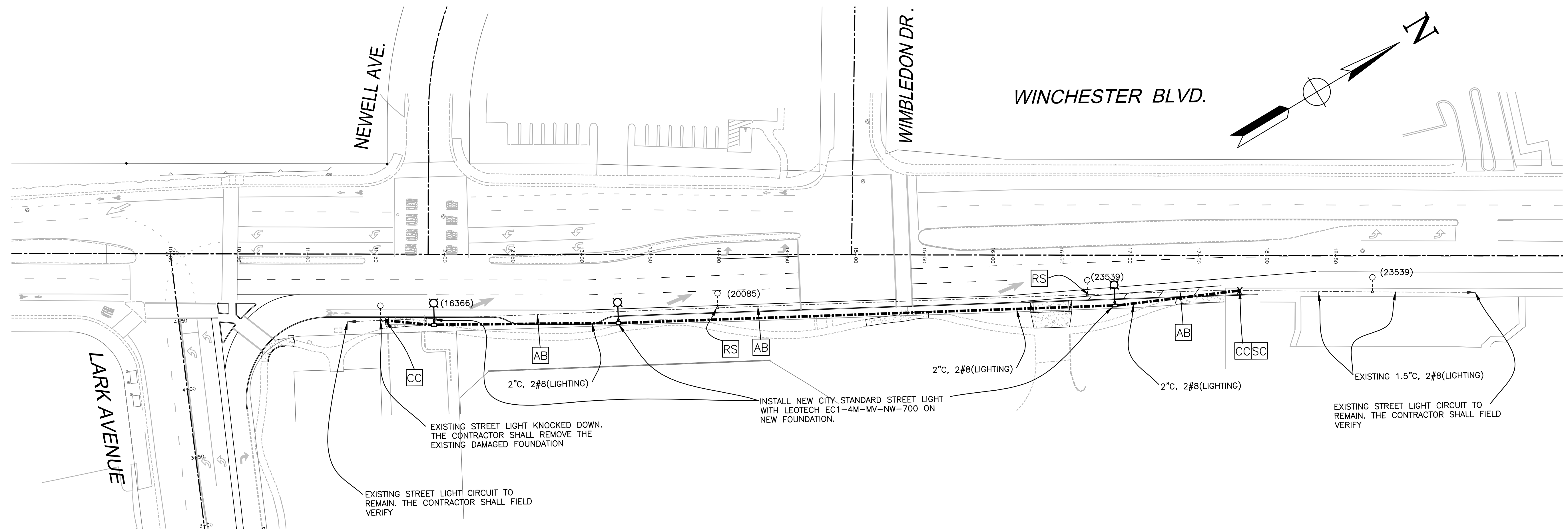
SHEET **TS-4** OF

DATE: 2/6/15

SCALE: NONE

PROJECT NO. 21-094





#### GENERAL NOTES:

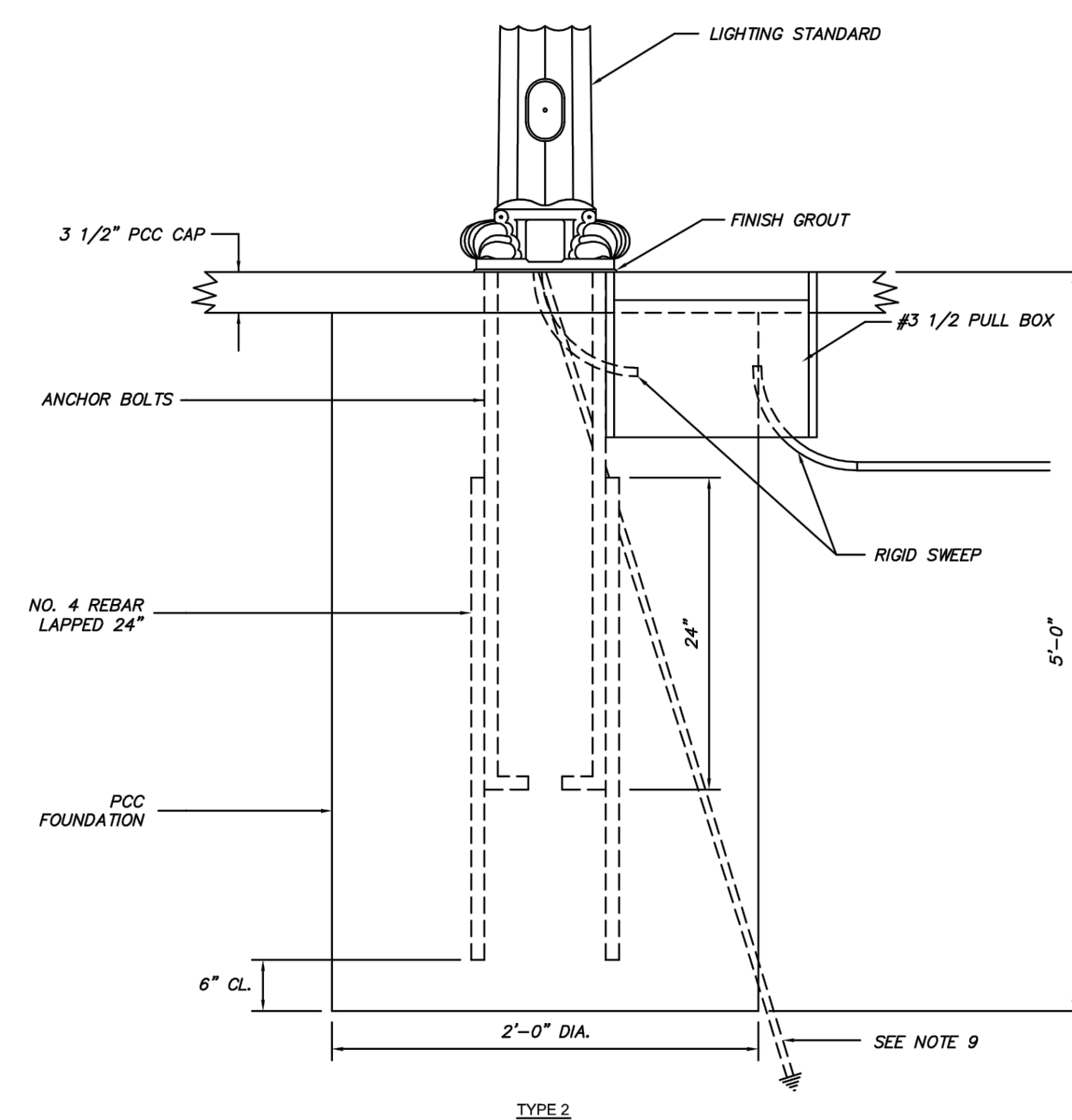
SEE SHEET TS-2

1. INSTALL POLE TAGS ON THE STREET LIGHT POLES.
2. THE CONTRACTOR SHALL VERIFY STREET LIGHT CIRCUITS AND IDENTIFY EXISTING SERVICE POINTS AND REPORT TO ENGINEER PRIOR TO BEGINNING OF WORK.

#### LEGEND:

- AB ABANDON, IF APPLIED TO CONDUITS, REMOVE CONDUCTORS
- CC CONNECT NEW AND EXISTING CONDUIT, REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED
- RS REMOVE AND SALVAGE EQUIPMENT
- SC SPLICE NEW TO EXISTING CONDUCTORS

BEFORE EXCAVATING  
CALL U.S.A.  
UNDERGROUND SERVICE ALERT  
800-227-2600  
TWO WORKING DAYS BEFORE ALL  
PLANNED WORK OPERATIONS



- NOTES:
1. Stop foundation pour 3 1/2 in. below grade. Place finish cap after standard is set and plumbed. Build up grout under standard base on low side (typ.).
  2. Surface of finish cap to be at graded and sloped to match existing or future sidewalk (typ.).
  3. Anchor bolt size and length as indicated on chart (typ.).
  4. 1/2 in. reinforced steel (#4 rebar) wired to anchor bolt with 24 in. overlap (typ.).
  5. 4 in. section of anchor bolt bent at 90° right angle (typ.).
  6. Standards to be set at 1 in. - 9 in. to center from back of curb unless shown otherwise.
  7. Ground rod set obliquely through foundation in undisturbed soil for streetlights fed overhead and set in pull box for streetlights fed underground.

NOT TO  
SCALE

APPROVED BY	DATE	TOWN OF LOS GATOS	ELECTROLIER FOUNDATAION (OCTAFLUTE)	STD. PLAN NO.
TOWN ENGINEER				

ST- DWG.

#### STANDARD ELECTROLIER SPECIFICATIONS (OCTAFLUTE W/ LED LUMINAIRE)

Unless otherwise directed an octaflute street light pole shall meet the following specifications:

##### LED LUMINAIRE:

MFG: Beta or Leotech (or approved equal)  
Type: III Cut-Off  
Voltage: 240 volts  
Wattage: 70W HPS Equivalent (or as directed by Engineer)  
Photo Cell: Yes

##### POLE

MFG: Union Metal  
Cat. No. 401A-H-300-C2 Model 2C-30  
Material: Galvanized Steel Octaflute  
Gauge: 11  
Finish: Galvanized (Not painted)  
Pole Height: 30'  
Finish Height: 28'9" at pole 31'9" at head  
Arm Length: 8'

##### FOUNDATION

See Foundation Detail.

##### WIRE

Size: #8 AWG min.

##### FUSE

Type: Waterproof 2 pole fused splice connector rated 30A, 600V, with two (2) 10A fuses  
Location: Pole base

NOT TO  
SCALE

APPROVED BY	DATE	TOWN OF LOS GATOS	STANDARD ELECTROLIER SPECIFICATIONS (OCTAFLUTE W/ LED FIXTURE)	STD. PLAN NO.
TOWN ENGINEER				

ST- DWG.

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email: tjkm@tjkm.com

**REGISTERED PROFESSIONAL ENGINEER**  
CHRIS D. KINZEL  
No. 15347  
Exp. 3-31-15  
CIVIL  
STATE OF CALIFORNIA

*Chris D. Kinzel*  
R.C.E. 15347

DESIGNED: ESB
DRAWN: RP
CHECKED: ESB

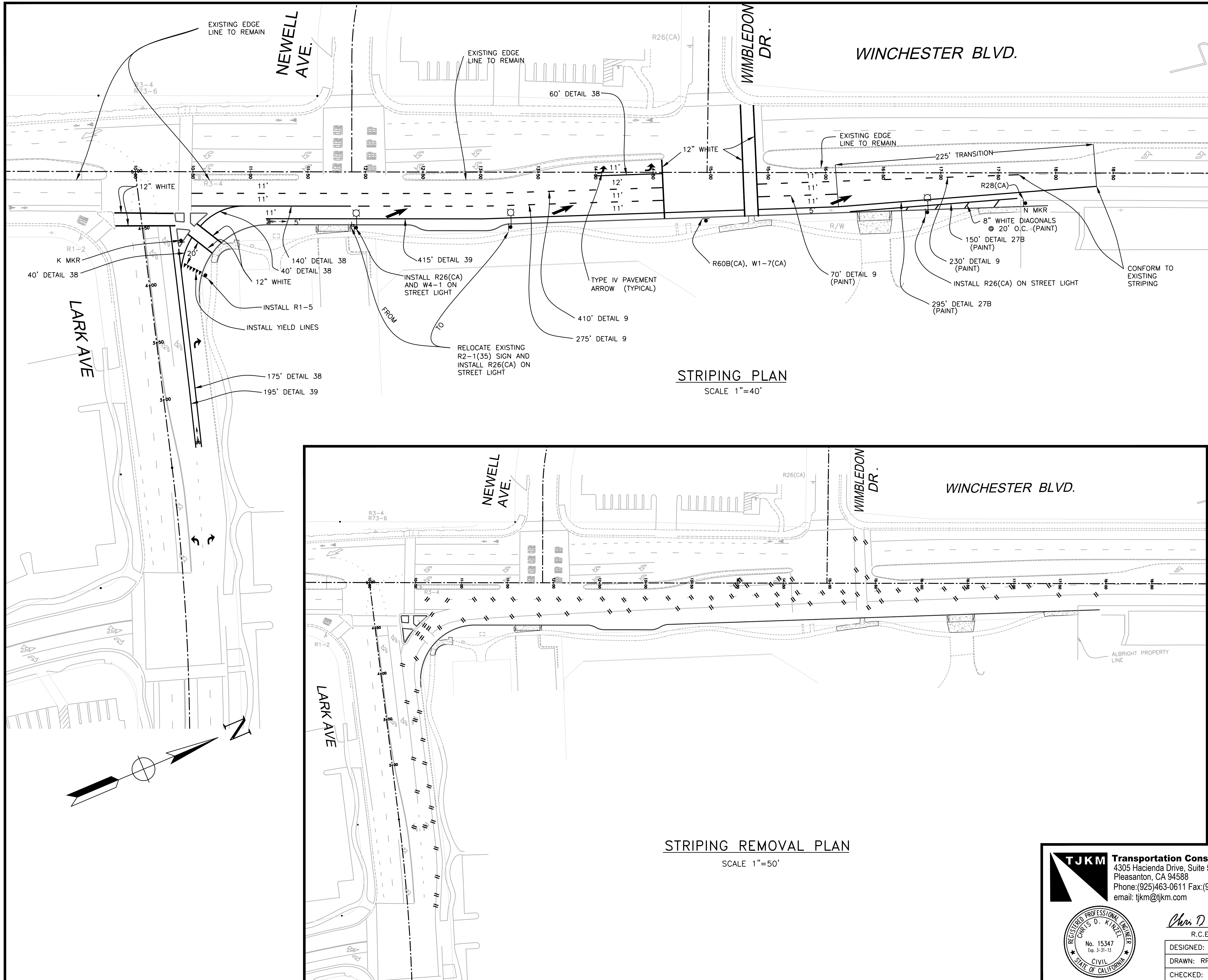
**TOWN OF LOS GATOS**

**WINCHESTER BOULEVARD**

**STREET LIGHTING PLAN**

DRAWING NO. <b>21-094</b>	SHEET <b>TS-5</b> OF
DATE: 2/6/15	SCALE: 1" = 40'
PROJECT NO. 21-094	





STRIPING GENERAL NOTES:

1. ALL STRIPING, PAVEMENT MARKINGS, AND SIGNING SHALL BE INSTALLED IN ACCORDANCE WITH THE CALTRANS STANDARD SPECIFICATIONS AND STANDARD PLANS (2010), THE LATEST CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), AND THE TOWN OF LOS GATOS STANDARDS.
2. SIGNS SHALL BE THE STANDARD SIZE DESIGNATED FOR EACH TYPE IN THE CA-MUTCD, UNLESS NOTED OTHERWISE.
3. SIGN MOUNTING SHALL CONFORM TO APPROPRIATE PROVISIONS OF THE CA-MUTCD AND THE 2010 APPLICABLE CALTRANS STANDARDS PLANS, UNLESS NOTED OTHERWISE.
4. ALL TRAFFIC SIGNS (EXCEPT STREET NAME SIGNS) SHALL BE ON BLANKS OF MINIMUM 0.080 GAGE ALUMINUM. ALL TRAFFIC SIGNS SHALL HAVE FACES OF 3M DIAMOND GRADE REFLECTIVE SHEETING OR APPROVED EQUAL.
5. WHERE SIGNS ARE INDICATED ON THE PLANS TO BE RELOCATED, EXISTING STEEL POSTS SHALL BE REMOVED AND A NEW STEEL POST SHALL BE INSTALLED. SEE TOWN OF LOS GATOS STANDARD PLANS No. 239 & 240.
6. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL REMOVE EXISTING SIGNS IN CONFLICT WITH THE DETAILS SHOWN ON THIS PLAN.
7. THE CONTRACTOR SHALL REMOVE STRIPING AND PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH DETAILS SHOWN ON THIS PLAN.
8. EXISTING SIGNING, STRIPING AND PAVEMENT MARKINGS NOT AFFECTED BY THE IMPROVEMENTS SHOWN ON THIS PLAN ARE NOT FULLY DOCUMENTED.
9. PAVEMENT DELINEATION SHALL CONFORM TO APPROPRIATE PROVISIONS OF THE CA-MUTCD
10. ALL CONSTRUCTION MATERIALS, THERMOPLASTIC STRIPING, AND PAVEMENT MARKERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
11. ALL LANE LINE TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS NOTED OTHERWISE. ALL NEW STRIPING, ARROWS, AND PAVEMENT LEGEND CALL-OUTS ARE PER CALTRANS STANDARD PLANS A20A TO A24E, EXCEPT AS NOTED ON PLAN.
12. THE EXACT LOCATION OF ALL NEW OR RELOCATED SIGNS, STRIPING AND PAVEMENT MARKINGS SHALL BE MARKED IN THE FIELD BY THE CONTRACTOR AND SHALL BE APPROVED BY THE TOWN ENGINEER PRIOR TO INSTALLATION.
13. THE INSIDE DIMENSION OF ALL NEW CROSSWALK STRIPING SHALL BE 10'.
14. ALL SIGNS TO BE REMOVED SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
15. THE CONTRACTOR SHALL PAINT REFLECTIVE WHITE AROUND THE NEW & EXISTING PORK-CHOP ISLANDS.
16. SEE TRAFFIC SIGNAL MODIFICATION PLANS FOR ADDITIONAL SIGNAGE ON TRAFFIC SIGNAL POLES.
17. DIMENSIONS FOR LANES ADJACENT TO MEDIAN ISLANDS ARE MEASURED FROM THE CENTER OF YELLOW LINE TO THE CENTER OF THE STRIPE DETAIL.

LEGEND

- INSTALL NEW SIGN AND POST
- EXISTING SIGN
- EXISTING PAVEMENT MARKING
- INSTALL NEW TYPE IV PAVEMENT MARKING
- REMOVE EXISTING STRIPING OR PAVEMENT MARKING
- INSTALL NEW STRIPING PER DETAIL NUMBER

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*Chris D. Kinzel*  
R.C.E. 15347

DESIGNED: ESB  
DRAWN: RP  
CHECKED: ESB

TOWN OF LOS GATOS

WINCHESTER BOULEVARD

SIGNING AND STRIPING PLAN

DRAWING NO. 21-094 SHEET SS-1 OF  
DATE: 2/6/15 SCALE: AS NOTED PROJECT NO. 21-094



